## AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in this application:

**Listing of Claims:**

1. (Currently Amended) A method of controlling access by a parent node to child nodes in a DOM tree corresponding to a data file, comprising the steps of:

assigning a parent-node context-value to said parent node, said parent-node context-value being stored as character information in the data file;

assigning a child-node context-value to each of said child nodes, said parent-node context-value being stored as character information in the data file;

correlating one or more of said child nodes to said parent node; and

permitting access by said parent node only to said correlated child nodes.

2. (Original) A method as set forth in claim 1, wherein said correlating step comprises at least the step of:

assigning the child-node context-value of said correlated child nodes to be the same as the parent-node context value.

3. (Original) A method as set forth in claim 1, wherein said correlating step comprises at least the step of:

assigning the child-node context-value of said correlated child nodes to inherit the parent-node context value.

4. (Currently Amended) A method as set forth in claim 2, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said step of permitting access comprises at least the step of:

decrypting the names of each correlated child node.

5. (Currently Amended) A method as set forth in claim 3, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said step of permitting access comprises at least the step of:

decrypting the names of each correlated child node.

6. (Original) A method as set forth in claim 1, wherein each of said child nodes is assigned a child-node context-value which is unique with respect to the child-node context-value of all other child nodes, and wherein only one of said child nodes is correlated to said parent node, said correlating step comprising at least the step of:

assigning the child-node context-value of said correlated child-node to be the same as the parent-node context-value.

7. (Currently Amended) A system for controlling access by a parent node to child nodes in a DOM tree corresponding to a data file, comprising:

means for assigning a parent-node context-value to said parent node, said parent-node context-value being stored as character information in the data file;

means for assigning a child-node context-value to each of said child nodes, said parent-node context-value being stored as character information in the data file;

means for correlating one or more of said child nodes to said parent node; and

means for permitting access by said parent node only to said correlated child nodes.

8. (Currently Amended) A system as set forth in claim 7, wherein said means for correlating comprises at least:

means for assigning the child-node context-value of said correlated child nodes to be the same as the parent-node context value.

9. (Original) A system as set forth in claim 7, wherein said means for correlating comprises at least:

means for assigning the child-node context-value of said correlated child nodes to inherit the parent-node context value

10. (Currently Amended) A system as set forth in claim 8, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said

child nodes is encrypted at the time it is assigned, and wherein said means for permitting access comprises at least:

means for decrypting the names of each correlated child node.

11. (Currently Amended) A system as set forth in claim 9, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said means for permitting access comprises at least:

means for decrypting the names of each correlated child node.

12. (Original) A system as set forth in claim 7, wherein each of said child nodes is assigned a child-node context-value which is unique with respect to the child-node context-value of all other child nodes, and wherein only one of said child nodes is correlated to said parent node, said means for correlating comprising at least:

means for assigning the child-node context-value of said correlated child-node to be the same as the parent-node context-value.

13. (Currently Amended) A computer program product for controlling access by a parent node to child nodes in a DOM tree corresponding to a data file, comprising:

~~a~~ computer-readable program code ~~means~~ embodied in a computer-readable storage medium, said computer-readable program code ~~means~~ comprising:

computer-readable program code ~~means for~~ configured to assign~~ing~~ a parent-node context-value to said parent node, said parent-node context-value being stored as character information in the data file;

computer-readable program code ~~means for~~ configured to assign~~ing~~ a child-node context-value to each of said child nodes, said parent-node context-value being stored as character information in the data file;

computer-readable program code ~~means for~~ configured to correlate~~ing~~ one or more of said child nodes to said parent node; and

computer-readable program code ~~means for~~ configured to permit~~ting~~ access by said parent node only to said correlated child nodes.

14. (Currently Amended) A computer program product as set forth in claim 13, wherein said computer-readable program code configured to correlate~~ing step~~ one or more of said child nodes to said parent node comprises at least:

computer-readable program code ~~means for~~ configured to assign~~ing~~ the child-node context-value of said correlated child nodes to be the same as the parent-node context value.

15. (Currently Amended) A computer program product as set forth in claim 13, wherein said ~~computer-readable program code means for correlating~~ computer-readable program code configured to correlate one or more of said child nodes to said parent node comprises at least:

computer-readable program code ~~means for~~ configured to assign~~ing~~ the child-node context-value of said correlated child nodes to inherit the parent-node context value.

16. (Currently Amended) A computer program product as set forth in claim 14, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said ~~computer-readable program means for permitting access~~ computer readable program code configured to permit access by said parent node only to said correlated child nodes comprises at least:

computer-readable program ~~means for~~ code configured to decrypt~~ing~~ the names of each correlated child node.

17. (Currently Amended) A computer program product as set forth in claim 15, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said ~~computer-readable program means for permitting access~~ computer-readable program code configured to permit access by said parent node only to said correlated child nodes comprises at least:

computer-readable program ~~means for~~ code configured to decrypt~~ing~~ the names of each correlated child node.

18. (Currently Amended) A computer program product as set forth in claim 13, wherein each of said child nodes is assigned a child-node context-value which is unique with respect to the child-node context-value of all other child nodes, and wherein only one of said child nodes is correlated to said parent node, said ~~computer-readable program means for correlating~~ computer-readable program code configured to correlate one or more of said child nodes to said parent node comprising at least:

computer-~~programmable~~ readable program code configured to ~~means for~~ assign~~ing~~ the child-node context-value of said correlated child-node to be the same as the parent-node context-value.

19. (New) A method of controlling access by a parent node to child nodes in a DOM tree corresponding to a data file, comprising the steps of:

assigning a parent-node context-value to said parent node, said parent-node context-value being stored as character information in the data file;

assigning a child-node context-value to each of said child nodes, said parent-node context-value being stored as character information in the data file;

assigning each of said parent node and said child nodes a respective name;

encrypting each of said respective names;

storing said encrypted respective names as character information in the data file,

correlating one or more of said child nodes to said parent node by assigning the child-node context-value of said correlated child nodes to be the same as the parent-node context value; and

permitting access by said parent node only to said correlated child nodes, said permitting access including decrypting the names of each correlated child node.